

Marshall Team Meeting (MTM)
August 1, 2005
Building 4200/Room P110

DE01/R. Henderson - The return to flight launch of STS-114 on Tuesday, July 26, was an exciting event. Later that same day, we became aware of the foam debris issue. On Wednesday, July 27, we more fully understood some of the debris issues we were experiencing with the external tank (ET), and an announcement was made indicating the Shuttle fleet/future flights were immediately grounded/cancelled.

Currently, there are no major concerns relative to the Shuttle returning home; however, the mission has been extended by 1 day to allow extra time for equipment transfer in anticipation of a possible extended period of time prior to the next Shuttle mission. The Space Shuttle main engine, solid rocket boosters, reusable solid rocket motor, and ET all performed nominally during the launch. Of course, we did have the issue with the ET. With regard to the investigation in to the ET foam-loss anomalies, Marshall has established an investigation team headed by Mr. Corky Clinton, a member of the Science and Technology Directorate, to review the STS-114 foam issue. The investigation team includes both independent members not previously associated with the ET return to flight and Agency and contractor experts. This investigation team will officially kickoff today, although there have been twice daily meetings since Wednesday. In addition, the Administrator appointed an independent tiger team to oversee the investigation activities and review the findings. Five engineering teams are already in place to assess risk and understanding of the ET foam anomalies that include LH₂ inter-tank flange, bipod closeout, protuberance air lock (PAL) ramp, LH₂ ice frost ramp, and LH₂ acreage. The newly-installed cameras on Discovery worked well and afforded us the opportunity to view what was actually occurring on the ET during and after liftoff. At this point, we have more data than we have ever had before. We are now tasked with locating the cause of and resolving the foam-loss anomalies on the ET. A Web site at www.nasa.gov/returntoflight is available to all employees to provide the most current information.

QD50/K. Daniel - Presented an update on the recent furnace explosion incident in building 4481. The review team's final report will be out soon. Charts used in the presentation are posted at Inside Marshall.

QD50/D. Davis - The current safety metrics for FY05 were presented. The lost time rate is currently .10, well below our FY 2005 goal of .17. All pyramid metrics were "green" except for the Inventory of Hazardous Operations. Although it is improving, the organizations with hazardous operations need to assure the annual review of these operations is kept up-to-date. There was one new lost-time mishap during the period. An employee fell from a 45-inch high scaffold to the concrete floor below. The employee spend 3 days in the hospital for observation. An investigation report will be presented at the next MTM. Charts used in this presentation are available at Inside Marshall.

QD50/K. French - Presented a briefing on the 2005 Performance Evaluation Profile (PEP) Survey, which opens today, August 1, and closes on September 2. Charts used in this presentation are posted at Inside Marshall.

QD50/J. Milburn - Presented an overview of the MSFC Safety, Health, & Environmental (SHE) Program. All Center employees (contractor & civil service) are required to take this

mandatory training as well as the 2005 Performance Evaluation Profile (PEP) Survey mandated by Headquarters. Charts used in this presentation are posted at Inside Marshall.

CS20/A. Storey - Provided an update on upcoming events:

Friday, August 5, the International Space Station (ISS) Expedition 10 Commander, Leroy Chiao, will be in Morris Auditorium, starting at 10:45 a.m. During his 192 days in space, Commander Chiao conducted science experiments and two spacewalks. He also became the first astronaut to cast a vote from space in a U.S. Presidential election. Expedition 10, the 10th research mission to the ISS, began in October 2004 and ended in April 2005. Employees should be seated by 10:30 a.m.

Saturday, August 6, is the Huntsville Bicentennial Unity Day. Volunteers are still needed to participate in Saturday's Unity Day Parade where a special exhibit will be in the parade along with an astronaut and Center employees. Rosa Kilpatrick serves as the Center liaison for the Bicentennial Celebration. See additional information on Inside Marshall.

Thursday, August 11, the Washington Update is scheduled with U.S. Representative Bud Cramer, at the Von Braun Center (VBC), North Hall. Tickets are \$30 and must be purchased from Rosa Kilpatrick, Office of Strategic Communications, Government and Community Relations, by close of business, Friday, August 8, 2005. Checks should be made payable to the Chamber of Commerce.

Wednesday, August 24, the Women's Equality Day luncheon is scheduled at the Redstone Arsenal Officers and Civilians Club, celebrating the 85th anniversary of the 19th amendment. Outstanding women achievers from each local federal agency will be recognized. Tickets cost \$11.50 and will be on sale Aug. 1-24 in the Equal Opportunity Office. Additional information is available at Inside Marshall. The POC is Phyllis Olinger, 544-0022.

Friday, August 26, Captain Wally Schirra, one the three living Mercury astronauts and the only one who flew on all three of the Nation's pioneering space programs, Mercury, Gemini, and Apollo will be at the Marshall Center to talk with employees at a special assembly, 2 – 3 p.m. in Morris Auditorium. Later that evening, 7 – 8 p.m., he will be the guest speaker at the 2005 Von Braun Forum scheduled at the U. S. Space and Rocket Center's IMAX Theater. The Von Braun Forum is a free event and open to the public.

Also on Saturday, August 27, the Second Annual Saturn/Apollo Reunion will be held at the U. S. Space and Rocket Center. There will be an admission charge.

QD01/D. Spacek - The Safety and Mission Assurance (S&MA) Appreciation Day offsite is scheduled for Thursday, August 4.

PS01/S. Beale - Under the President's Management Agenda (PMA), Competitive Sourcing, NASA was given a "green" designation. The Center received a related action item regarding to the FAIR Act, which we are forwarding to appropriate Center points-of-contact requesting justifications Inherently Governmental (IG) positions. Elaine Hamner from my office is the Center point-of-contact.

NP30/S. Turner – We expect to re-fly the X-37 in late August or early September timeframe. Currently, we are trying to tow the vehicle up to 60 miles an hour in preparation for free release.

CS01/R. Allen - Approximately 500 of the special-addition Marshall bicentennial T-shirts were sold. Please remind and encourage all Center employees to attend/participate in the Huntsville Bicentennial Unity Day Parade on Saturday, August 6.

DD01/S. Cloud - Thanks to everyone involved in defining the Center's goals and objectives. Also, the Agency is working towards preparing a Strategic Plan; updates will be provided.

AD01/J. Carter - The NASA Shared Services Center (NSSC) will be operational on October 1, 2005. An article will be coming out in the Marshall Star mid-August.

AD60/P. Allen/J. Eagan - A new Center Radiation Safety Officer, Philip O. Brown, reported to the Center today.